

Title (en)

MULTI -FREQUENCY IMPEDANCE METHOD AND APPARATUS FOR DISCRIMINATING AND COUNTING PARTICLES EXPRESSING A SPECIFIC MARKER

Title (de)

MULTIFREQUENZ-IMPEDANZVERFAHREN UND VORRICHTUNG ZUR UNTERSCHIEDUNG UND ZÄHLUNG VON EINEN SPEZIFISCHEN MARKER EXPRIMIERENDEN PARTIKELN

Title (fr)

PROCÉDÉ ET APPAREIL À IMPÉDANCE MULTIFRÉQUENCE POUR DISCRIMINER ET DÉNOMBRER DES PARTICULES EXPRIMANT UN MARQUEUR SPÉCIFIQUE

Publication

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Application

EP 10728318 A 20100602

Priority

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Abstract (en)

[origin: EP2259045A1] An analysis method for identifying and counting particles expressing a specific antigenic marker is proposed. One example (but not exclusive) is CD4+ T-lymphocyte analysis in blood. The method comprises obtaining a sample comprising particles in suspension, labeling the particles expressing the specific marker with an impedance label, and measuring the labeled sample using a dual frequency system to discriminate at least the labeled particles expressing the specific marker. The method allows an accurate count of particles e.g. the number CD4+ T-lymphocytes in a blood flow. A corresponding device is also provided.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2010140127A1

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